



Request for Proposal (RFP)
for
AERIAL AND/OR SATELLITE IMAGERY
Kodiak Island Borough

Issued on
October 7, 2019

Proposals due: November 15, 2019 4:30 p.m. Kodiak Local Time

Proposals must be delivered to the Manager's Office via:

US Mail:

ATTN: Borough Manager
RE: KIB IMAGERY RFP RESPONSE
Kodiak Island Borough
710 Mill Bay Road
Kodiak, AK 99615

Or Email:

To Lisa Zeimer: lzeimer@kodiakak.us
Subject: KIB IMAGERY RFP RESPONSE

Statement of Intent to Propose should be emailed to: ewelty@kodiakak.us by November 1, 2019.

Questions regarding RFP should be emailed to: ewelty@kodiakak.us by October 18, 2019.

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1. Introduction

1.1 Overview/Objective

Kodiak Island Borough seeks to acquire aerial and/or satellite imagery from qualified providers every year for the next six years. The Borough will select one or more providers from RFP respondent pool to be the sole source provider(s) of imagery for the next six years. The primary purpose of the imagery acquisition is to make up-to-date imagery available to Borough staff and to the public through desktop and web-based map applications.

1.2 About the Kodiak Island Borough

Kodiak Island Borough encompasses the Kodiak Archipelago and a portion of the Alaska Peninsula. The topography varies from rugged mountains and deep valleys to gently sloping terrain. Alpine tundra covers the ridges. Much of the lower elevations are covered in thick vegetation: spruce, alder and salmonberry. The City of Kodiak is the Borough’s most populated and developed area. The City of Kodiak is part of the road system. Additional population centers on the road system include the formal and informal communities of Bells Flats/Womens Bay, Kalsin Bay, Chiniak and Pasagshak. Remote communities of Akhiok, Karluk, Larsen Bay, Old Harbor, Ouzinkie, Port Lions are remote communities accessible by boat and plane only.

The climate of Kodiak Island is characterized by moderately heavy precipitation and cool temperatures with frequent high clouds, fog, and high winds. Kodiak can experience extreme fluctuations in weather conditions from one hour to the next and from one part of the island to another.

1.3 RFP Schedule

RFP schedule provided in Table 1. Contract or contracts to be awarded after Borough Assembly approval.

Event	Date
RFP Issued	October 7, 2019
Question deadline	October 18, 2019
Addendum released, if necessary	October 25, 2019
Statement of Intent to Propose due	November 1, 2019
Proposals due	November 15, 2019, 4:30 p.m. Kodiak Local Time
Evaluation of proposals	November 18, 2019 – November 22, 2019
Borough Assembly vote	December 5, 2019

Table 1: RFP Schedule

2. Scope of Services

2.1 Scope of work

The general scope of work includes the work to plan, collect, process, and deliver color-balanced, georeferenced, orthorectified, four-band (R,G,B,NIR) imagery to the Borough. The imagery should be in electronic format and suitable for use with current versions of ESRI GIS software at the time of delivery.

Two different spatial resolutions are requested: high-resolution (6 in) and medium resolution (1.5 ft). The general areas and the desired resolutions are depicted in Figure 1: Collection Areas. The GIS data associated with the boundaries shown on the map is available.

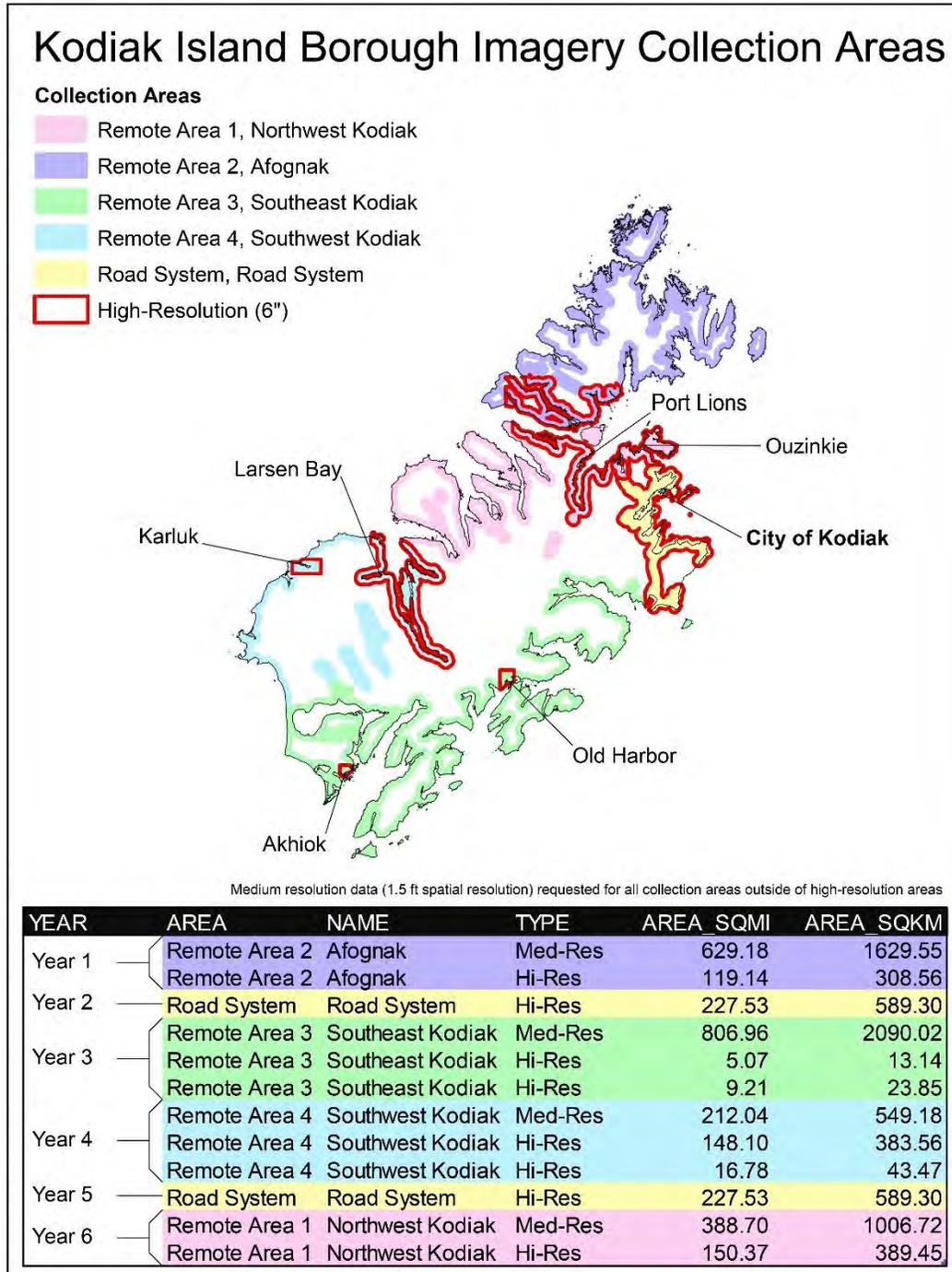


Figure 1: Collection Areas

2.2 Contract Deliverables

2.2.1 Acquisition planning and updates

Prior to each acquisition, the collection area will be reviewed and modified as needed. Areas may be larger or smaller than areas presented in Figure 1 of this RFP. Imagery providers shall communicate with the Borough about acquisition and delivery schedules and make available to the Borough interim products, if applicable.

2.2.2 Orthoimagery

Color-corrected, four-band (R,G,B,NIR), georeferenced, orthorectified imagery.

2.2.3 Control

Provide horizontal and vertical control for aerial acquisition products.

2.2.4 Metadata

Metadata in FGDC or Esri compliant schema to accompany imagery deliverable. Should, at a minimum, include contact info, acquisition date, platform used, statement about horizontal and vertical control, accuracy statement.

2.3 Proposed collection schedule

The proposed schedule for imagery acquisition is provided in in Table 2.

	Y1	Y2	Y3	Y4	Y5	Y6
Area	2020	2021	2022	2023	2024	2025
Remote 1: Northwest Kodiak						x
Remote 2: Afognak	x					
Remote 3: Southeast Kodiak			x			
Remote 4: Southwest Kodiak				x		
Road System		x			x	

Table 2: Proposed collection schedule

The Borough would prefer imagery acquisition to occur in the spring, after the snow melt, before the vegetation leafs out and with minimal shadows. The goal is to collect imagery that makes it easy to identify and delineate buildings and other structures. Final products should be delivered on or before December 1 of each collection year.

2.4 Considerations

Imagery

The Borough is requesting that the imagery be snow-free, cloud-free and vegetation-free with minimal shadows.

Coordinate system

Borough uses two projected coordinate systems: NAD 1983 Alaska State Plane Zone 5 (WKID:102635, Esri) and WGS 1984 Web Mercator (WKID:3857, EPSG).

Software

The Borough uses ArcGIS Desktop to view, process and publish imagery data. Currently, the Borough is running ArcGIS 10.5.x.

3. Instructions to Proposers

The first step in submitting a proposal is to submit a statement of intent to propose. **Submit Statement of Intent to Propose via email to ewelty@kodiakak.us by November 1, 2019.** In your statement, please include the following information:

1. Contact information
 - a. Company name
 - b. Point of contact
 - c. Mailing address
 - d. Email address
 - e. Telephone number
2. Statement of intent to propose
3. Statement of proposal submission preference – U.S. Mail or Email
4. A component of the proposal package is to include samples of the product(s) being offered. Please indicate if you would like to upload those samples directly to the Borough. Secure login information will be provided to you.

Proposals must be received by November 15, 2019, 4:30 p.m. Kodiak Local Time. Proposal packet should be no more than 15 pages, exclusive of cover letter and attachments.

Proposals must be submitted to Manager's Office via:

US Mail:

ATTN: Borough Manager
RE: KIB IMAGERY RFP RESPONSE
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To Lisa Zeimer: lzeimer@kodiakak.us
Subject: KIB IMAGERY RFP RESPONSE

Questions about the RFP should be submitted via email to ewelty@kodiakak.us by October 18, 2019. If an addendum is required to respond to questions, it will be issued on October 25, 2019 and made available on the Borough's website.

The Kodiak Island Borough understands that services, products and pricing can change with time. The proposal should include current offerings and pricing, as well as predicted future offerings and pricing, if known. If unknown, the proposal should discuss how the company would manage these changes and communicate them with the Borough.

The proposal should include:

1. Cover letter, signed by an authorized representative of the company, that includes:
 - a. Proposer's commitment to provide the services as proposed
2. Company information, including:

- a. Company name, authorized representative(s), point of contact, address, telephone number and email address
 - b. Company overview
 - c. Company qualifications
 - d. Key personnel overview; detailed qualifications can be provided as an attachment
 - e. Subcontractor overview, if applicable
 - f. Resources and equipment
 - g. At least two references; no more than four
3. Proposed product information; for all proposed products, including:
 - a. Product specifications
 - i. Satellite or aerial imagery
 - ii. Spatial resolution
 - iii. Control to be used for orthorectification
 - b. Product pricing for proposed products, including a breakout of costs associated with:
 - i. Acquisition costs
 - ii. Control collection costs, if applicable
 - iii. Processing costs
 - iv. Enhancement costs
 - v. Total cost
 - c. Future products and pricing
 - d. Product acquisition and delivery timeline based on proposed collection schedule and imagery considerations described in Section 2.4 of this RFP, indicate:
 - i. What the recommended collection window is for staging and acquisition
 - ii. What the turnaround time is from acquisition to orthoimagery deliverable
 - e. Provide product and metadata samples as an attachment
 - i. Provide four contiguous tiles for each product offered that show land cover conditions like Kodiak, a built environment among dense vegetation
 - ii. Provide metadata sample that would accompany sample tiles
4. Special considerations, for each product offered, indicate if there are any:
 - a. Licensing and/or use restrictions
 - b. Minimum collection area requirements
5. Project management, please include:
 - a. Proposed plan of action
 - b. Methods for ensuring data gets collected and delivered according to schedule and contingency measures. Please include discussion for contingencies in the event data cannot be collected during the preferred spring timeframe.
 - c. Quality assurance and quality control measures
 - d. Ability to adapt to change and offer new products if they become available or if existing products are no longer available
6. Conflict of interest, provide statement on:
 - a. Any real or potential conflicts of interest or that there are no conflicts of interest
7. Attachments
 - a. Key personnel and subcontractor qualifications
 - b. Imagery and metadata samples

4. Evaluation and Selection Process

Proposals will be accepted until submission deadline, November 15, 2019, 4:30 p.m. Kodiak Local Time. The proposals will first be evaluated by a selection committee. That committee will present the selected proposals to the Borough Assembly for final approval. Upon final approval by the assembly, a contract will be awarded to the winning bidder(s).

5. Evaluation and Selection Criteria

The Borough will consider the following when making its selection:

1. Quality of proposals
2. Proposed products
 - a. Spatial resolution
 - b. Spectral resolution
 - c. Vertical and horizontal accuracy
 - d. Image visual quality (based on samples)
3. Price
4. Vendor capabilities
 - a. Experience in Kodiak? Alaska? Equivalent experience?
 - b. Available resources and equipment

Submittal of a proposal authorizes the Borough to investigate, without limitation, the background and current performance of your company and present staff. The Borough may opt to interview vendors that demonstrate, through their proposal, that they can provide services requested in the RFP. Discovery of any material misstatement of fact may lead to disqualification of a proposal or to the cancellation of any resulting contract.